



PATENT
Attorney Docket No. 054358-5004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jin Koog SHIN et al.

Application No.: 09/888,559

Filed: June 26, 2001

For: INDUCTOR EMPLOYING CARBON
NANOTUBE AND/OR CARBON
NANOFIBER

Group Art Unit: 2832

Examiner: Tuyen T. Nguyen

Commissioner for Patents
Washington, D.C. 20231

Sir:

AMENDMENT

In response to the Office Action dated September 25, 2002 (Paper No. 3), the period for response to which has been extended through February 25, 2003, by the request of a two-month extension of time and fee filed concurrently herewith, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 2, 3, 13 and 14 without prejudice or disclaimer.

Please amend claims 1 and 4-12 as follows:

1. (Amended) An inductor comprising a carbon nanotube and/or carbon nanofiber

synthesized in a shape of a coil, wherein the carbon nanotube and/or carbon nanofiber is

synthesized between catalysts fixed at desired locations on a substrate, and wherein the catalysts

are transition metals or alloys of transition metal.

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